

SOIL MAP LEGEND
Pembina County, North Dakota: Detailed Soil Map Legend

Map symbol	Soil name
Ar	ARVESON SANDY LOAM
Av	ARVESON LOAM
Aw	ARVESON SOILS, VERY WET
BaD	BARNES LOAM, 9 TO 20 PERCENT SLOPES
BnA	BEARDEN SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
BnB	BEARDEN SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES
BrA	BEARDEN SILTY CLAY LOAM, SALINE, 1 TO 3 PERCENT SLOPES
Bs	BEARDEN-COLVIN SILTY CLAY LOAMS
BvA	BEARDEN AND GLYNDON SILT LOAMS, 1 TO 3 PERCENT SLOPES
BwA	BINFORD SANDY LOAM, 1 TO 3 PERCENT SLOPES
BwB	BINFORD SANDY LOAM, 3 TO 6 PERCENT SLOPES
Bx	BORUP SILT LOAM
ByA	BRANTFORD LOAM, 1 TO 3 PERCENT SLOPES
ByB	BRANTFORD LOAM, 3 TO 6 PERCENT SLOPES
ByC	BRANTFORD LOAM, 6 TO 9 PERCENT SLOPES
ByD	BRANTFORD LOAM, 9 TO 25 PERCENT SLOPES
Ca	CASHEL SILTY CLAY, CHanneLED
CaA	CASHEL SILTY CLAY, 1 TO 3 PERCENT SLOPES
CaB	CASHEL SILTY CLAY, 3 TO 6 PERCENT SLOPES
CbB	CLAIRE LOAMY COARSE SAND, 1 TO 6 PERCENT SLOPES
Cd	CLAYEY BREAKS
Cf	COLVIN SILT LOAM
Cg	COLVIN SILTY LOAM, SALINE
Ch	COLVIN SILTY CLAY LOAM
CoA	CORMANT LOAMY SAND, 1 TO 3 PERCENT SLOPES
DdA	DIVIDE LOAM, 1 TO 3 PERCENT SLOPES
Do	DOVRAY SILTY CLAY
EgA	EGELAND LOAM, 1 TO 3 PERCENT SLOPES
EgB	EGELAND LOAM, 3 TO 6 PERCENT SLOPES
EmA	EMBDEN FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES
EmB	EMBDEN FINE SANDY LOAM, 3 TO 6 PERCENT SLOPES
FaA	FAIRDALE SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
FaB	FAIRDALE SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES
Ff	FARGO SILTY CLAY
GaA	GARDENA VERY FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES
GbA	GILBY LOAM, 1 TO 3 PERCENT SLOPES
GdA	GLYNDON LOAMY VERY FINE SAND, 1 TO 3 PERCENT SLOPES
GfA	GLYNDON SILT LOAM, 1 TO 3 PERCENT SLOPES
Gm	GLYNDON SILT LOAM, SALINE
Gr	GRANO SILTY CLAY
Gs	GRANO SILTY CLAY, SALINE
Ha	HAMAR LOAMY FINE SAND
Hb	HAMAR FINE SANDY LOAM
HdA	HECLA LOAMY FINE SAND, 1 TO 3 PERCENT SLOPES
HdB	HECLA LOAMY FINE SAND, 3 TO 6 PERCENT SLOPES
HfA	HECLA SANDY LOAM, 1 TO 3 PERCENT SLOPES
HfB	HECLA SANDY LOAM, 3 TO 6 PERCENT SLOPES
HgE	HECLA AND MADDOCK SOILS, 9 TO 25 PERCENT SLOPES
Hh	HEGNE SILTY CLAY, SALINE
HmA	HEGNE-FARGO SILTY CLAYS, 1 TO 3 PERCENT SLOPES
HmB	HEGNE-FARGO SILTY CLAYS, 3 TO 6 PERCENT SLOPES
La	LAMOURE SILT LOAM
LbA	LANKIN LOAM, 1 TO 3 PERCENT SLOPES
LgA	LANKIN AND GILBY STONY LOAMS, 1 TO 3 PERCENT SLOPES
LpA	LA PRAIRIE LOAM, 1 TO 3 PERCENT SLOPES
LrA	LA PRAIRIE SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
LrB	LA PRAIRIE SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES
LvD	LA PRAIRIE-FAIRDALE SILTY CLAY LOAMS, CHanneLED, 9 TO 2 5 PERCENT SLOPES
M-W	MISCELLANEOUS WATER
MaA	MADDOCK LOAMY SAND, 1 TO 3 PERCENT SLOPES
MaB	MADDOCK LOAMY SAND, 3 TO 6 PERCENT SLOPES
MbA	MADDOCK SANDY LOAM, 1 TO 3 PERCENT SLOPES
MbB	MADDOCK SANDY LOAM, 3 TO 6 PERCENT SLOPES
McB	MADDOCK LOAMY SAND, THIN SURFACE VARIANT, 1 TO 6 PERCENT SLOPES
Mf	MCDONALDSVILLE SILTY CLAY
Na	NAHON SILT LOAM
Ng	NECHE SILTY CLAY LOAM
Nh	NECHE SILTY CLAY
Oa	OJATA SILT LOAM
OgB	OLGA SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES
OgE	OLGA SILTY CLAY LOAM, 9 TO 25 PERCENT SLOPES
OvA	OVERLY SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
Pa	PEAT
Pg	PITS, GRAVEL AND SAND

SOIL MAP LEGEND--Continued
Pembina County, North Dakota: Detailed Soil Map Legend

Map symbol	Soil name
Pu	PERELLA SILTY CLAY LOAM
PyA	POPPLETON LOAMY SAND, 1 TO 3 PERCENT SLOPES
Ra	RAUVILLE SILT LOAM
RbA	RENSHAW LOAM, 1 TO 3 PERCENT SLOPES
RfB	RENSHAW VERY STONY LOAM, 1 TO 6 PERCENT SLOPES
RoA	ROLETTE SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
Rp	ROUGH BROKEN LAND
Rr	RYAN-FARGO SILTY CLAYS
SnD	SERDEN SAND, 6 TO 15 PERCENT SLOPES
SwA	SWENODA FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES
Tf	TIFFANY FINE SANDY LOAM
VaA	VANG LOAM, 1 TO 3 PERCENT SLOPES
VbA	VANG CLAY LOAM, 1 TO 3 PERCENT SLOPES
VwA	VANG-WALSH LOAMS, 1 TO 3 PERCENT SLOPES
VwB	VANG-WALSH LOAMS, 3 TO 6 PERCENT SLOPES
Vy	VANG LOAM, WET VARIANT
W	WATER
WaA	WAHPETON SILTY CLAY, 1 TO 3 PERCENT SLOPES
WaB	WAHPETON SILTY CLAY, 3 TO 6 PERCENT SLOPES
WaC	WAHPETON SILTY CLAY, 6 TO 9 PERCENT SLOPES
WhC	WALSH LOAM, 6 TO 9 PERCENT SLOPES
WhD	WALSH LOAM, 9 TO 15 PERCENT SLOPES
WnA	WALSH CLAY LOAM, 1 TO 3 PERCENT SLOPES
WoA	WAUKON LOAM, 1 TO 3 PERCENT SLOPES
WoB	WAUKON LOAM, 3 TO 6 PERCENT SLOPES
WoC	WAUKON LOAM, 6 TO 9 PERCENT SLOPES
WoD	WAUKON LOAM, 9 TO 15 PERCENT SLOPES
Wv	WHEATVILLE VERY FINE SANDY LOAM
ZgC	ZELL-GARDENA VERY FINE SANDY LOAMS, 6 TO 9 PERCENT SLOPES
ZgD	ZELL-GARDENA VERY FINE SANDY LOAMS, 9 TO 15 PERCENT SLOPES

